



2001 Toxics Release Inventory

ARKANSAS

Reported Releases and Other Waste Management Activities (in pounds)

	Total
On-site Releases	31,457,181
Air Emissions	20,036,562
Surface Water Discharges	3,190,528
Underground Injection Class I Wells	1,492,971
Underground Injection Class II-V Wells	93,263
On-site Land Releases to RCRA Subtitle C Landfills	227,275
Other On-site Land Releases	6,416,583
Off-site Releases (Transfers Off-site to Disposal)*	12,585,384
Total On- and Off-site Releases	44,042,566
Recycled On-site	109,446,061
Recycled Off-site	60,384,333
Energy Recovery On-site	42,487,541
Energy Recovery Off-site	43,829,050
Treated On-site	121,966,236
Treated Off-site**	4,996,906
Quantity Released On- and Off-site***	48,247,951
Total Production-related Waste Managed	431,358,077
Non-production-related Waste Managed	1,996,835

Transfers Off-site for Further Waste Management, including Disposal

Recycling	58,379,594
Energy Recovery	43,821,142
Treatment	3,550,073
Publicly Owned Treatment Works (POTWs)	1,600,812
Metals and Metal Category Compounds*	14,314
Non-metal TRI Chemicals**	1,586,498
Other Off-site Transfers****	34,000
Transfers Off-site to Disposal (not including metals to POTWs)	20,028,659
Total Transfers Off-site for Further Waste Management, including Disposal	127,414,279

* Transfers to POTWs of metals and metal category compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Transfers to POTWs of non-metals are included in treated off-site waste management activity.

*** Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.

**** Transfers reported without a valid waste management code.

For More Information . . .

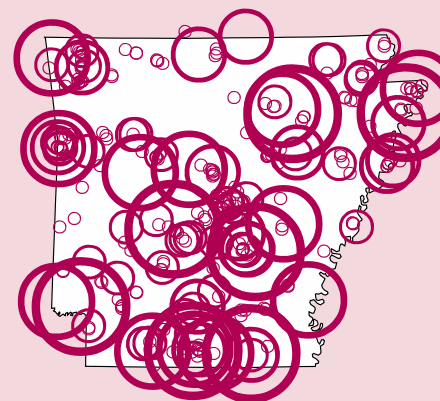
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Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov



The largest circle in the state map represents the largest facility for on-site releases in the state of Arkansas. All circles are proportionally-sized to represent the on-site releases at each facility within this state.

State/TRI Data

Population	2,694,698
Square Miles	52,075
Total Facilities	385
Total Forms	1,684
Form As	207

	Total
National Rank for Total On- and Off-site Releases*	
Rank	31
Pounds	44,042,566
National Rank for Total On-site Releases**	
Rank	32
Pounds	31,457,181
National Rank for Total Releases within State***	
Rank	34
Pounds	33,716,826
National Rank for Production-related Waste Managed	
Rank	19
Pounds	431,358,077

* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Includes amounts released at the facility. Excludes amounts transferred to other sites.

*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.



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On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
—	Zinc compounds	66,586	39,130	7,438	297,440	14,005,096	14,415,690	148,748	308,544	13,721,826
67-56-1	Methanol	3,139,995	40,324	1,401,551	20,256	814	4,602,940	1,516	347	467
7664-41-7	Ammonia	3,672,621	209,122	0	372	18,078	3,900,193	11,143	16,759	1,319
—	Manganese compounds	28,171	508,383	0	1,181,556	1,915,468	3,633,578	207,823	170,886	1,744,582
—	Barium compounds	61,434	114,523	0	2,109,287	33,064	2,318,308	159,113	869	32,703

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
—	Lead compounds	11,351.21	1,334.43	0.00	85,218.88	1,582,998.85	1,680,903.37	76,274.61	26,152.25	1,570,176.60
79-94-7	Tetrabromobisphenol A	51,455.00	0.00	0.00	190,000.00	600,030.00	841,485.00	188.25	0.00	600,030.00
7439-92-1	Lead	17,107.41	258.32	0.00	53,765.69	352,295.19	423,426.61	69,179.36	1,498.96	350,796.23
—	Polycyclic aromatic compounds	5,002.93	180.50	0.00	671.75	606.84	6,462.02	99.00	497.54	109.30
—	Mercury compounds	1,523.79	6.18	0.00	82.30	704.56	2,316.83	580.15	3.00	704.56
191-24-2	Benzo(g,h,i)perylene	74.70	8.60	0.00	40.06	17.00	140.36	0.00	5.50	11.50
7439-97-6	Mercury	108.36	1.29	0.00	6.54	0.02	116.21	65.10	0.00	0.02
72-43-5	Methoxychlor	21.00	0.00	0.00	0.00	0.00	21.00	0.00	0.00	0.00
1336-36-3	Polychlorinated biphenyls (PCBs)	0.25	0.00	0.00	0.00	12.56	12.81	0.00	0.00	12.56
608-93-5	Pentachlorobenzene	5.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00
1582-09-8	Trifluralin	2.10	0.00	0.00	0.00	0.00	2.10	0.00	0.00	0.00
8001-35-2	Toxaphene	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00
—	Dioxin and dioxin-like compounds	0.07	0.01	0.00	0.06	0.07	0.22	0.00	0.07	0.00
—	<i>Dioxin and dioxin-like compounds (in grams)</i>	<i>33.716</i>	<i>5.920</i>	<i>0.000</i>	<i>26.487</i>	<i>33.846</i>	<i>99.969</i>	<i>0.001</i>	<i>33.846</i>	<i>0.000</i>
118-74-1	Hexachlorobenzene	0.02	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00
309-00-2	Aldrin	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
57-74-9	Chlordane	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
76-44-8	Heptachlor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
465-73-6	Isodrin	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40487-42-1	Pendimethalin	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29082-74-4	Octachlorostyrene	—***	—	—	—	—	—	—	—	—

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

*** No reports were submitted for these chemicals.

** The chemical ranking is based on the amounts in this column.



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On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases	
	Underground Injection				On-site Releases to Land			(Transfers Off-site to Disposal)	
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
U.S. Vanadium Corp., Hot Springs, Garland	1,465,805	134,715	0	0	0	2,100,200	3,700,720	0	0
Entergy Independence Steam Electric Station, Newark, Independence	464,459	4,619	0	0	0	1,334,348	1,803,426	0	0
Domtar Inds. Inc. Ashdown Mill, Ashdown, Little River	658,797	502,547	0	0	0	601,813	1,763,157	0	0
Great Lakes Chemical Central, El Dorado, Union	266,296	0	1,460,600	0	0	0	1,726,896	0	273,553
International Paper Co., Pine Bluff, Jefferson	1,483,055	118,630	0	0	0	120,506	1,722,191	0	0
Viskase Corp., Osceola, Mississippi	1,425,005	22,000	0	0	0	0	1,447,005	0	0
Georgia-Pacific Crossett Paper Ops., Crossett, Ashley	715,641	207,370	0	0	0	454,822	1,377,832	0	0
Wayne Farms L.L.C. Danville, Danville, Yell	0	1,208,405	0	0	0	0	1,208,405	0	0
Lion Oil Co., El Dorado, Union	818,559	130,071	0	0	0	0	948,630	0	8,510
American Electric Power Flint Creek Power Plant, Gentry, Benton	88,356	6,210	0	0	0	750,720	845,286	252	4

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
	Underground Injection				On-site Releases to Land			Transferred Within State Pounds	Transferred Out of State Pounds
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			
Albemarle Corp. South Plant, Magnolia, Columbia	11,000.00	0.00	0.00	0.00	0.00	190,000.00	201,000.00	0.00	496,985.00
Great Lakes Chemical Central, El Dorado, Union	40,455.00	0.00	0.00	0.00	0.00	0.00	40,455.00	0.00	103,158.00
Sloan Valve Co., Augusta, Woodruff	309.00	0.00	0.00	0.00	37,040.00	0.00	37,349.00	3.00	0.00
Ash Grove Cement Co., Foreman, Little River	472.28	0.00	0.00	0.00	0.00	34,225.02	34,697.30	0.00	0.00
Georgia-Pacific Crossett Paper Ops., Crossett, Ashley	204.50	246.91	0.00	0.00	0.00	14,860.71	15,312.12	0.00	0.00
Trefilarbed of Arkansas Inc., Pine Bluff, Jefferson	15,058.00	0.00	0.00	0.00	0.00	0.00	15,058.00	0.00	304,322.00
Entergy Independence Steam Electric Station, Newark, Independence	1,158.80	24.00	0.00	0.00	0.00	13,048.00	14,230.80	0.00	0.00
Domtar Inds. Inc. Ashdown Mill, Ashdown, Little River	366.63	36.00	0.00	0.00	0.00	10,445.28	10,847.91	0.00	0.00
U.S. Vanadium Corp., Hot Springs, Garland	0.00	5.00	0.00	0.00	0.00	8,100.00	8,105.00	0.00	0.00
American Electric Power Flint Creek Power Plant, Gentry, Benton	291.10	0.00	0.00	0.00	0.00	6,690.00	6,981.10	12.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.



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Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production- related Waste Managed Pounds	Total Non- Production- related Waste Managed Pounds
Nucor-Yamato Steel Co., Blytheville, Mississippi	0	3,638,954	0	0	0	0	12,649,425	16,288,379	1,684,394
U.S. Vanadium Corp., Hot Springs, Garland	1,319,620	0	0	0	0	0	3,700,700	5,020,320	0
Great Lakes Chemical Central, El Dorado, Union	0	0	0	0	0	0	2,002,526	2,002,526	756
Entergy Independence Steam Electric Station, Newark, Independence	0	0	0	0	0	0	1,803,427	1,803,427	0
Domtar Inds. Inc. Ashdown Mill, Ashdown, Little River	1,300	0	5,291,477	2,200	41,911,898	0	1,764,209	48,971,084	0
International Paper Co., Pine Bluff, Jefferson	0	0	56,300	0	15,350,369	0	1,712,564	17,119,234	0
Viskase Corp., Osceola, Mississippi	0	0	0	0	0	0	1,425,005	1,425,005	0
Georgia-Pacific Crossett Paper Ops., Crossett, Ashley	434,648	0	35,550	0	18,423,941	0	1,377,585	20,271,724	0
Albemarle Corp. South Plant, Magnolia, Columbia	7,947,040	0	0	151,390	100,341	0	1,273,443	9,472,214	0
Wayne Farms L.L.C. Danville, Danville, Yell	0	448	0	0	383,198	0	1,208,347	1,591,993	0

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production- related Waste Managed Pounds	Total Non- Production- related Waste Managed Pounds
Nucor-Yamato Steel Co., Blytheville, Mississippi	0.00	367,290.00	0.00	0.00	0.00	0.00	1,418,628.00	1,785,918.00	139,199.00
Albemarle Corp. South Plant, Magnolia, Columbia	0.00	0.00	0.00	0.00	0.00	0.00	690,113.00	690,113.00	0.00
Great Lakes Chemical Central, El Dorado, Union	0.00	0.00	0.00	0.00	0.00	0.00	143,613.00	143,613.00	0.00
Remington Arms Co. Inc., Lonoke, Lonoke	0.00	90,179.00	0.00	0.00	0.00	0.00	68,949.00	159,128.00	0.00
Teris L.L.C., El Dorado, Union	0.00	20,212.00	2,972.00	10,335.00	469,614.00	3,134.00	58,246.00	564,513.00	0.00
Sloan Valve Co., Augusta, Woodruff	1,094,625.00	41,472.00	0.00	0.00	0.00	0.00	37,349.00	1,173,446.00	0.00
Ash Grove Cement Co., Foreman, Little River	0.00	1,090.00	0.00	0.00	0.00	0.00	34,697.00	35,787.00	0.00
Claridge Prods. & Equipment Inc., Harrison, Boone	0.00	0.00	0.00	0.00	0.00	0.00	25,148.00	25,148.00	0.00
Tokusen USA Inc., Conway, Faulkner	0.00	0.00	0.00	0.00	0.00	0.00	19,998.00	19,998.00	0.00
Georgia-Pacific Crossett Paper Ops., Crossett, Ashley	0.00	0.00	0.00	0.00	0.00	0.00	15,314.00	15,314.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.